

A B S T R A C T

The invention relates to a process for the
5 hydrogenation of phenyl acetylene in a styrene-
containing medium with the aid of a supported nickel
catalyst with a nickel content of 10-25 wt.%. This
process is by preference used for the hydrogenation of
phenyl acetylene in a styrene-containing medium which
10 contains more than 30 wt.% of styrene.